

Clay Construction Products: First Quarter 2006

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U S C E N S U S B U R E A U

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Table 1. Summary of Production and Shipments of Principal Types of Clay Construction Products: 2004 to 2006
[Value in thousands of dollars]

Year and quarter	Brick, building or common and facing			Clay floor and wall tile			Vitrified clay sewer pipe and fittings		
	Production (quantity)	Shipments		Production (quantity)	Shipments		Production (quantity)	Shipments	
		Quantity	Value		Quantity	Value		Quantity	Value
Year-to-date:									
2006.....	2,337,019	2,240,996	536,571	190,925	184,949	226,328	38,910	49,826	20,210
2005.....	2,319,354	2,106,075	465,392	177,175	171,166	213,768	35,326	39,624	14,104
2006									
First quarter.....	2,337,019	2,240,996	536,571	190,925	184,949	226,328	38,910	49,826	20,210
2005									
Total.....	9,604,558	9,393,219	2,133,340	675,281	665,563	858,176	148,563	193,229	72,031
Fourth quarter.....	2,397,205	2,273,038	524,563	161,508	156,286	211,679	39,140	45,720	18,049
Third quarter.....	2,437,560	2,477,434	566,620	163,265	161,911	216,152	36,429	57,371	21,236
Second quarter.....	2,450,439	2,536,672	576,765	173,333	176,200	216,577	37,668	50,514	18,642
First quarter.....	2,319,354	2,106,075	465,392	177,175	171,166	213,768	35,326	39,624	14,104
2004 1/									
Total.....	9,291,150	9,388,648	2,037,293	668,813	695,386	876,738	147,891	163,595	61,787
Fourth quarter.....	2,365,951	2,273,172	501,052	161,240	166,876	217,302	37,606	36,687	12,951
Third quarter.....	2,396,433	2,547,810	542,734	160,523	171,790	220,001	36,837	52,155	19,575
Second quarter.....	2,365,884	2,511,328	551,550	172,694	176,906	221,479	37,007	37,904	14,416
First quarter.....	2,162,882	2,056,338	441,957	174,356	179,814	217,956	36,441	36,849	14,845

1/Data are revised based on the 2004 summary report, MQ327D(04)-5, "Clay Construction Product," issued September 2005.

Note: Production and shipment quantities are in thousands of bricks [2-1/4 inch by 3-5/8 inch by 7-5/8 inch brick equivalent] for brick, building or common and facing; thousands of square feet for clay floor and wall tile; and short tons for vitrified clay sewer pipe and fittings.

Table 2. Production and Shipments of Brick, Building or Common and Facing by Region and State
 [Quantity in thousands of bricks: 2-1/4 inch by 3-5/8 inch by 7-5/8 inch brick equivalent. Value in thousands of dollars]

Region and state		First quarter 2006					Fourth quarter 2005						
		Production (quantity)		Shipments			Production (quantity)		Shipments				
				Quantity	Value				Quantity	Value			
United States.....		a/	2,337,019	a/	2,240,996	a/	536,571	2,397,205	2,273,038	524,563			
New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont).....			(D)		(D)		(D)	(D)	(D)	(D)			
Middle Atlantic (New Jersey, New York, and Pennsylvania).....			(D)		(D)		(D)	(D)	(D)	(D)			
East North Central.....			178,839		153,466		45,404	195,734	183,510	49,121			
Ohio.....		a/	100,639	a/	89,161		27,158	a/	109,942	a/	108,129	32,444	
Other (Illinois, Indiana, Michigan, and Wisconsin).....			78,200		64,305		18,246	85,792	75,381	16,677			
West North Central.....			115,155		100,830		25,601	130,746	113,418	27,712			
Kansas and Missouri.....			36,528		30,378		7,097	35,490	29,288	6,662			
Other (Iowa, Minnesota, Nebraska, North Dakota, and South Dakota).....		b/	78,627	b/	70,452	c/	18,504	r/	95,256	84,130	21,050		
South Atlantic.....			957,584		933,471		198,760	961,475	896,467	186,871			
Virginia.....			125,044		110,938		21,456	120,280	117,383	23,440			
North Carolina.....		a/	451,889	a/	444,895	a/	85,555	r/	455,002	r/	422,361	79,918	
South Carolina.....			163,008		159,447		40,417	r/	166,958	141,696	35,579		
Other (Delaware, District of Columbia, Florida, Georgia, Maryland, and West Virginia).....		a/	217,643	a/	218,191	a/	51,332	219,235	215,027	47,934			
East South Central.....			421,779		405,206		84,674	410,501	400,606	79,301			
Alabama.....			(D)		(D)		(D)	(D)	(D)	(D)			
Other (Kentucky, Mississippi, and Tennessee).....			(D)		(D)		(D)	(D)	(D)	(D)			
West South Central.....			408,246		414,381		101,619	412,446	415,615	96,763			
Arkansas.....			(D)		(D)		(D)	(D)	(D)	(D)			
Louisiana.....			(D)		(D)		(D)	(D)	(D)	(D)			
Oklahoma.....			(D)		(D)		(D)	(D)	(D)	(D)			
Texas.....			256,625		266,488		64,752	259,077	266,093	61,156			
Mountain.....			87,818		76,409		24,386	r/	90,868	r/	80,910	24,559	
Colorado.....		a/	50,790	a/	42,219	a/	13,943	52,792	46,745	14,422			
Other (Arizona, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming).....		c/	37,028	c/	34,190	c/	10,443	r/	38,076	r/	34,165	r/	10,137
Pacific (Alaska, California, Hawaii, Oregon, and Washington).....		c/	43,092	c/	43,752	b/	21,982	b/	49,327	b/	46,085	b/	22,872

D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data.

Note: Percent of estimation for each item is indicated as follows: a/10 to 25 percent of this item is estimated. b/26 to 50 percent of this item is estimated. c/Over 50 percent of this item is estimated.

Table 3. Production and Shipments of Clay Construction Products
[Value in thousands of dollars]

Product code	Product description		First quarter 2006						Fourth quarter 2005					
			Production (quantity)	Shipments			Production (quantity)	Shipments			Production (quantity)	Shipments		
				Quantity	Value			Quantity	Value			Quantity	Value	
3271210110	Brick, building or common and facing.....	a/	2,337,019	a/	2,240,996	a/ 536,571	2,397,205	2,273,038	524,563					
3271210221	Structural facing tile and ceramic glazed brick.....	a/	5,465	a/	6,559	b/ 3,504	a/r/ 7,508	a/r/ 8,373	a/r/ 4,465					
3271210226	Structural clay tile (except facing).....	b/	8,819	c/	8,995	c/ 2,807	a/ 8,752	b/ 10,105	b/r/ 3,195					
3271220000	Clay floor and wall tile.....		190,925		184,949	226,328	161,508	156,286	211,679					
3271220111	Glazed floor and wall tile having a facial area greater than or equal to 6 square inches and less than 59 square inches.....	b/	79,491	b/	75,597	b/ 90,707	r/ 53,558	r/ 50,641	a/r/ 76,721					
3271220121	Glazed floor and wall tile having a facial area greater than or equal to 59 square inches.....	a/	78,871	a/	77,394	a/ 66,031	r/ 77,208	r/ 74,986	r/ 67,194					
3271220211	Glazed and unglazed ceramic mosaic tile having a facial area less than 6 square inches.....		(D)		(D)	(D)	(D)	(D)	(D)					
3271220131	Unglazed tile, including unglazed quarry tile having a facial area greater than or equal to 6 square inches.		(D)		(D)	(D)	(D)	(D)	(D)					
3271231100	Vitrified clay sewer pipe and fittings.....	a/	38,910	a/	49,826	a/ 20,210	a/ 39,140	a/ 45,720	a/ 18,049					

D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data.

Note: Production and shipment quantities are in the thousands of bricks [2-1/4 inch by 3-5/8 inch by 7-5/8 inch brick equivalent] for bricks, building or common and facing and structural facing tile and ceramic glazed brick; short tons for structural clay tile (except facing) and vitrified clay sewer pipe fittings; and thousands of square feet for clay floor and wall tile. Percent of estimation for each item is indicated as follows: a/10 to 25 percent of this item is estimated. b/26 to 50 percent of this item is estimated. c/Over 50 percent of this item is estimated.

Table 4. Shipments, Exports, and Imports of Selected Clay Construction Products: First Quarter 2006
[Value in thousands of dollars]

Product description	Unit of measure	Manufacturers' shipments		Exports of domestic merchandise		Percent exports to manufacturers' shipments	
		Quantity	Value f.o.b. plant	Quantity	Value at port	Quantity	Value 1/
Brick, building or common and facing 2/.....	1,000 bricks.....	2,240,996	536,571	6,515	2,396	0.3	0.4
Structural clay tile and ceramic glazed brick.....(X).....	(X)	6,311	(X)	2,525	(X)	40
Clay floor and wall tile 3/.....	1,000 sq meters....	17,182	226,328	1,215	10,869	7.1	4.8
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	45,201	20,210	198	569	0.4	2.8
		Imports for consumption		Apparent consumption 6/		Percent imports to apparent consumption	
		Quantity	Value 5/	Quantity	Value 1/	Quantity	Value
Brick, building or common and facing 2/.....	1,000 bricks.....	15,964	5,040	2,250,445	539,215	0.7	0.9
Structural clay tile and ceramic glazed brick.....(X).....	(X)	2,063	(X)	5,849	(X)	35.3
Clay floor and wall tile 3/.....	1,000 sq meters....	59,077	53,377	75,044	268,836	78.7	19.9
Vitrified clay sewer pipe and fittings 4/.....	Metric tons.....	20	72	45,023	19,713	(Z)	0.4

X Not applicable. Z Less than one-half of one percent.

1/Value calculations are based on the estimated producers' value of exports.

2/Import and export data include data for floor, paving, and sewer brick; and export data include data for heat insulating building brick: manufacturers' shipments data do not include data for floor, paving, sewer, and heat insulating building brick.

3/A conversion factor of 0.092903 thousands of square meters per one thousand square feet was used to convert manufacturers' shipments from thousands of square feet to thousands of square meters.

4/A conversion factor of 0.907185 metric tons per one short ton was used to convert manufacturers' shipments from short tons to metric tons. Import and export data include data for guttering, other conduits, other fittings, and other pipe: manufacturers' shipments data do not include data for guttering, other conduits, other fittings, and other pipe.

5/Represents the c.i.f. (cost, insurance, and freight) value at the first port of entry in the United States.

6/Apparent consumption is equal to manufacturers' shipments plus imports minus exports.

Note: For comparison of the North American Industry Classification System (NAICS)-based product codes with Schedule B export codes and HTSUSA import codes, see Table 6 of the 2004 summary report, MQ327D(04)-5, "Clay Construction Products," issued September 2005.